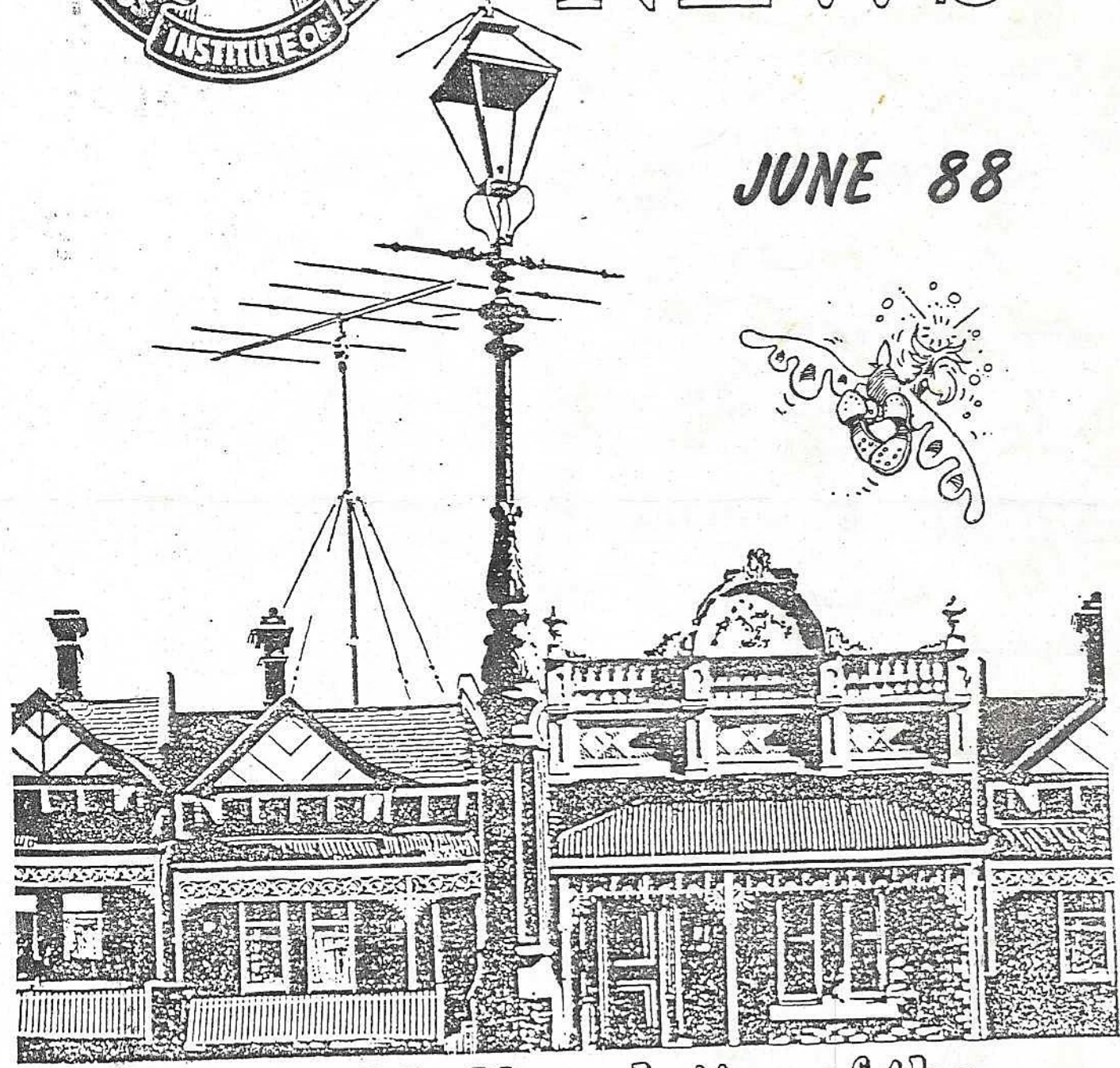
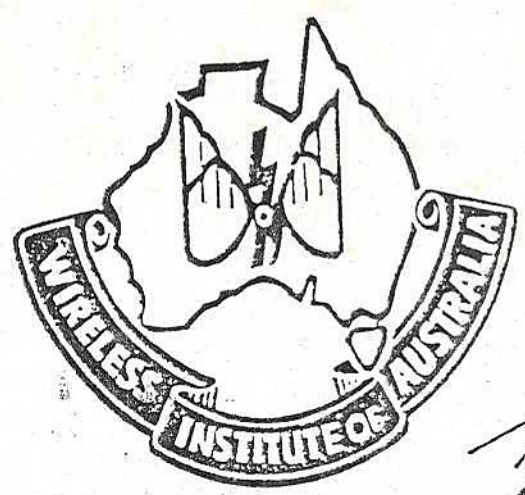


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B.A.R.G. NEWS

JUNE 88



© Monthly Newsletter of the
Ballarat Amateur Radio Group

REGISTERED BY AUSTRALIA POST, PUBLICATION NO. V3H3397

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BALLARAT AMATEUR RADIO GROUP INCORPORATED. OFFICERS 1987-88.EXECUTIVE COMMITTEE.

			<u>Home</u>	<u>Business</u>
<u>PRESIDENT</u>	Ron Watkins.	VK3 XOA	35 6017	32 1447
<u>IMM.PAST PRESIDENT</u>	Bob Terrill.	VK3 BNC	39 5317	39 1001
<u>VICE PRESIDENT</u>	John Hazledine.	VK3 CFH	39 1971	39 1035
<u>SECRETARY</u>	Jim Wright.	VK3 CFB	32 7563	
<u>ASST.SECRETARY</u>	George Fowler	VK3DOK.	326863	391954.
<u>TREASURER</u>	Harry Hekkema.	VK3 KGL	35 7563	39 1001
<u>PUBLICITY OFFICER</u>	Gordon Cornell.	VK3 PUW	39 2427	39 1135
<u>EDUCATION OFFICER</u>	Ian McDonald.	VK3 AXH	41 3717	31 1317
<u>NET CO-ORDINATOR</u>	Reg Carter.	VK3 CAZ	41 7585	FRSD Q.
<u>TECHNICAL OFFICER</u>	Dick Forrester.	VK3 VU	35 7663	39 1001
<u>MEMBERS REPRESENTATIVE</u>	Neil Davidson.	VK3 KQQ	35 9612	

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OFFICERS AND COMMITTEES.

<u>NEWSLETTER EDITOR</u>	Ron Watkins. / BNC	VK3 XOA	35 6017	32 1447
<u>Q.S.L.MANAGER</u>	JEFF PIGEON.	VK3PAP.	327041	311211. GEORGE SC
<u>AWARDS MANAGER</u>	Maurie Batt.	VK3 XEX	42 2245	
<u>PROPERTY OFFICER</u>	Dick Antoziewicz.	VK3 AEX	32 3273	31 1818
<u>HAMFEST CONVENER</u>	Kevin Hughes.	VK3 WN	35 5011	
<u>WICEN COMMITTEE</u>	Dick Antoziewicz.	VK3 AEX	32 3273	31 1818
	Dick Forrester.	VK3 VU	35 7663	39 1001
	Geoff Smith.	VK3 ADB	33 2112	
<u>NEWSLETTER COMM.</u>	Bob Terrill.	VK3 BNC	39 5317	39 1001
	Ron Watkins.	VK3 XOA	35 6017	32 1447
	Dick Forrester.	VK3 VU	35 7663	39 1001
	John Brown.	VK3 CJB	39 1014.	
<u>TECHNICAL COMM.</u>	Dick Forrester.	VK3 VU	35 7663	39 1001
	Phil Seddon.	VK3 AQM	31 5220	31 3166
	Maurie Batt.	VK3 XEX	42 2245	

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B.A.R.G.meets on the LAST FRIDAY of every month except December at the Ballarat Education Centre, Hopetoun St, Ballarat. 7.30pm.

Committee meetings are held at the Education Centre on the Wednesday two weeks prior to the Club meeting at 7.30pm. Members of the Executive Committee are expected to attend and any Club Member with business for discussion is welcome.

All correspondence should be addressed to -
The Secretary, B.A.R.G.Inc, P.O.Box 216E, Ballarat East. 3350.

Applications for Awards to-Maurie Batt, R.S.D.Rokewood Junction. 3351.

MINUTES OF GENERAL MEETING HELD 27th MAY.1988.

MEETING OPENED by President Ron at 7.40pm with 41 members and 3 visitors in attendance. Visitors were Doug CCY, Bob VFP and Ian CIS.

APOLOGIES VK3 KGL, DTO, SE, NIZ.

MINUTES of previous meeting as circulated were confirmed. CAZ/NWN.

CORRESPONDENCE IN WIA. Information on repeaters for novice operators.
Notification from Scouts re Jota weekend 15th-16th Oct.
Mrs. V. Hugo offering Eric's VK3 ZL callsign to Club.

CORRESPONDENCE OUT WIA re future of repeater costing.
Ballarat Communications reinstallation of Digital repeater.
Correspondence received. KIT/CUH.

TREASURERS REPORT General a/c \$153.78. VS&L a/c \$2153.78.
Treasurers report received and accounts passed. DMK/AXH.

QSL MANAGER. Geoff reported receipt of 36 cards in. Requested that secretary write to WIAWZ requesting copy of WIA members list.

AWARDS MANAGER Maurie had applications for 1 Goldrush, 2 Western District and 5 DX Widows awards last month.

CLUB NET Fred KQF reported that SUPPORT FOR THE NET OVER THE LAST MONTH REACHED AN ALL TIME LOW, UNLESS MORE MEMBERS CONTRIBUTE IT WILL NOT BE A VIABLE PROPOSITION TO CONTINUE.

EDUCATION Ian AXH who is at present personally coaching 3 students, asked whether any tertiary institutions in the Ballarat area had applied for accreditation from DOTC to conduct examinations. Secretary to enquire from WIA.

NEWSLETTER is still suffering from lack of material. PLEASE ASSIST.

HAMVENTION 88 Kevin WN would like suggestions on a raffle prize.

GENERAL BUSINESS. John CFH gave a report on the WESTERN ZONE AGM.

It was moved by AXH seconded BNC that the Club adopt VK3 ZL as its official call sign. carried.

MEETING CLOSED at 8.15pm and after a short break George DOK proceeded to auction the vast accumulation of surplus items.
Bidding was keen and in excess of \$900 was raised.

73s. Jim CFB.

BARG Inc. ANNUAL GENERAL MEETING

The AGM will be held on 24th June 1988 at the Education Centre. 7.30pm.

Committee meeting of the new executive will be on 13th July 1988.

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INDISPENSABLE

Sometime when your feeling important, sometime when your egos bloom,
Sometime when you take it for granted you're the best qualified in the room,
Sometime when you feel that your going would leave an unfillable hole,
Just follow these simple instructions and see how they humble your soul.

Take a bucket and fill it with water, put your hand in it up to the wrist,
Pull it out and the hole thats remaining is a measure of how you, ll be missed.

The moral of this quaint example is just do the best that you can,
Be proud of yourself but remember, THERE IS NO INDISPENSABLE MAN.

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DON'T FORGET Page !!!

IMPORTANT NOTICE.

What! This magazine has come a week early. I wonder why?

THE ANSWER.

The next meeting of the Ballarat Amateur Radio Group is the;-

ANNUAL GENERAL MEETING.
ANNUAL GENERAL MEETING.
ANNUAL GENERAL MEETING.

Consequently, it is important that you try to attend.
The club needs YOUR support, so please help.
Besides, if you do not come, someone else might do you in, and you wouldn't be able to defend yourself.

NOMINATION FORM

We wish to nominate for the
position of of B.A.R.G.
for the 1987/88 year.

Nominator (Signature) Callsign

Seconder (Signature) Callsign

Signature of person nominated above

Date

* Please forward to the Secretary Jim VK3CFB.



YOUR SUBS. ARE NOW DUE. PLEASE SEE THE TREASURER A.S.A.P. WITH
YOUR MONEY.

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PACKET RADIO
BULLETIN BOARD COMMANDS

Mail Commands.

L - LIST mail headers
LM - LIST MINE (List only messages to me)
LN - LIST NEW (List only unread messages to me)
LT - LIST TRAFFIC (List only NTS messages)
L> (space) (callsign) List messages from (callsign)
LL (space) 10 - List the last 10 messages - LIST LAST
S - Send a message to (callsign)
SP - SEND PERSONAL message to (callsign)
R - READ a message
RM - READ MINE message
K - KILL a message
KM - KILL MINE message, after you have read it

File Commands.

W - What is available (File Directory)
D - DOWNLOAD a file FROM the PBBS
U - UPLOAD a file TO the PBBS
Y - BINARY file transfer

Other Commands.

B - BYE (Log off)
I - Read INFORMATION about this PBBS
J - Show Stations heard or connected
T - TALK to SYSOP
X - Change your EXPERT status
V - Show VERSION of PBBS in use and mail statistics.
? - Get detailed HELP with individual system commands
H - Get general HELP with all system commands

For general HELP information type H (RETURN)

For HELP with a single command, type "?" followed by the SINGLE-LETTER command with which you need help

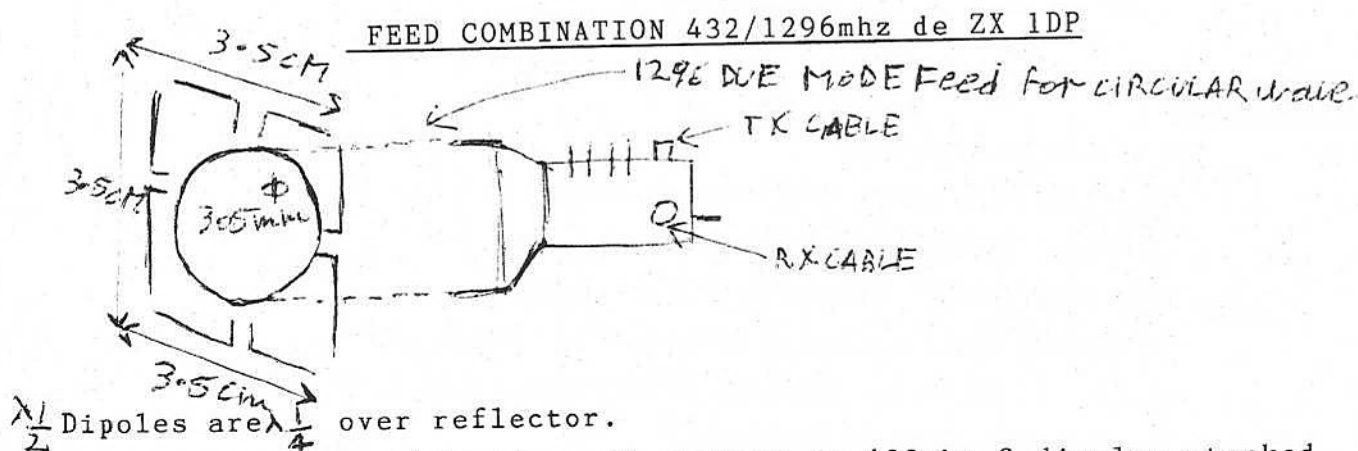
For HELP with BINARY transfers using the YAPP protocol, type ?Y

For a detailed description of how to use the MailBox, read the file USER.DOC.
Use the D command to download this file: Type "D USER.DOC" (RETURN)

Make sure that RETURN or ENTER is pressed after each command.

*Happy mailing
Clarry. VK3DMK*

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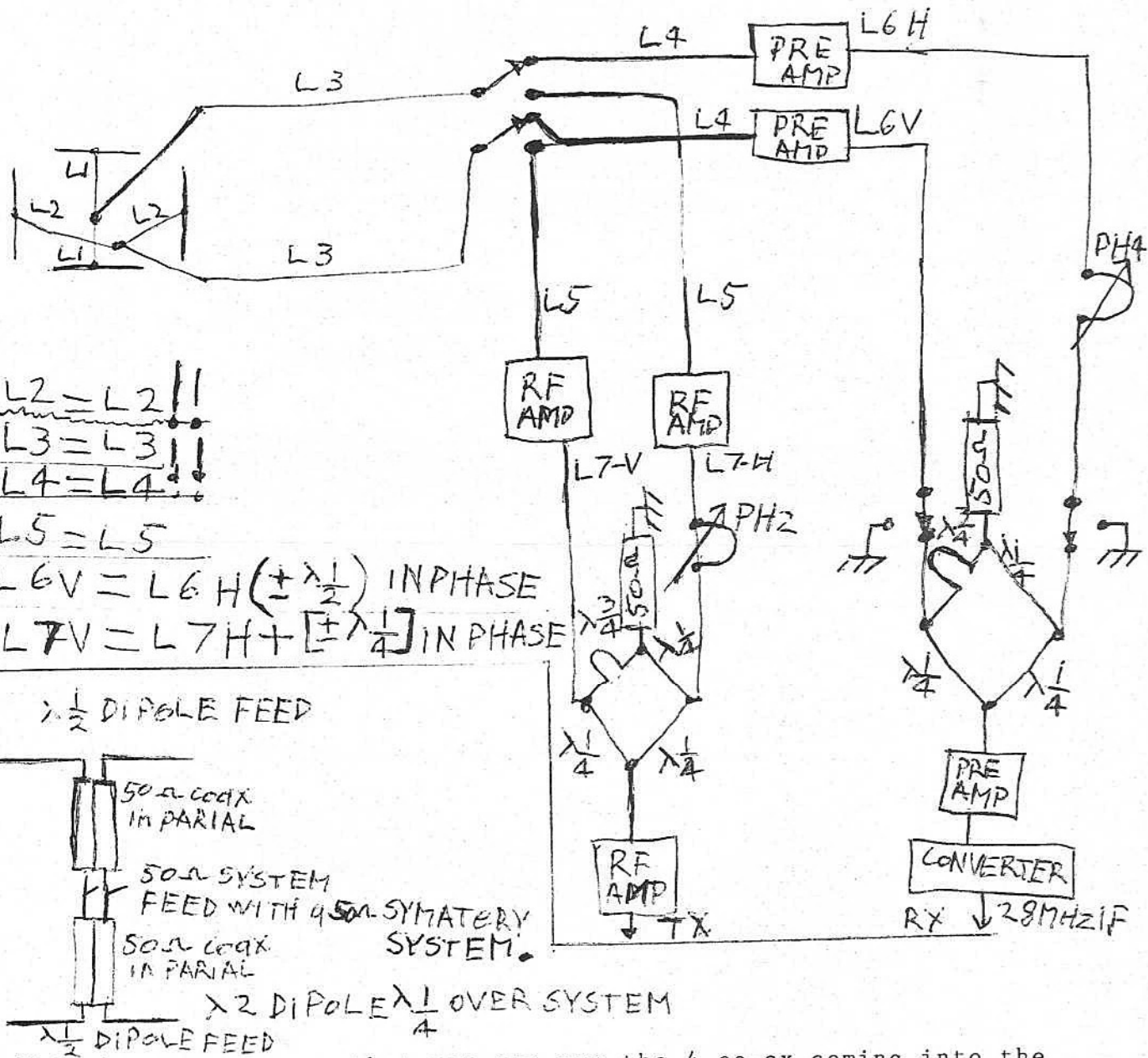
Feed consists of a combination of 2 systems on 432mhz, 2 dipoles stacked on verticle and 2 dipoles on horizontal, all fed $\frac{\lambda}{4}$ over system.
On 1296mhz a 1296mhz dual feed for circular polarization.

Terminal line is a difference due to the two sizes of the feed, the focal right point of 14cm. (432=14cm near to the dish in the 1296mhz)
I put it 12cm from focal point of 432mhz and fed in the 1296mhz as on 1296mhz 5cm for each. (all these dimensions for my 7mtr diam. dish).

I measured no difference in performance on 432mhz and on 1296mhz with the system compared with linear feed system for each focal.

In 1296mhz there is not the polarization for linear wave for exitation. I am in the same polarization on phase co-ax connection as shown in drawing.

On 432mhz I have the possibility to change any polarization from verticle-horizontal-linear and from $-\frac{\pi}{4}$ to $0+\frac{\pi}{4}$ as follows;-



$\lambda/2$ DIPOLE FEED
This is my system so that you can use the 4 co-ax coming into the system. In my case L5 = RY14.

and on RX L6 = RY58

The phase PH4 PH2 are the phase from old co-ax of TX in main cable.

from ME News Letter. Contributed by VK3 YMB.

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WECAM
RADIO COMMUNICATIONS EQUIPMENT
Your Authorised Dealer
for
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The World System
HF/VHF/UHF AMATEUR AND BUSINESS USE
COMMUNICATION EQUIPMENT

Brian Stares **VK3KQB**
WECAM,
11 MALMESBURY STREET,
WENDOUREE 3355 PH. (053) 39 2808

 **THE SPOTLIGHT IS ON!**

Venture Video
614 SKIPTON ST., SEBASTOPOL
Ph. (053) 35 6933